The tables Game and Publisher form a relational database set up for a board game club. Club members can search the database to find games suitable for their group

Game

GameName	GameID	Publisher	Max Players	Price
Knights of the Air	001	AHI	4	29.99
Diplomacy	003	AHI	7	15.00
The House of Horror	002	CHA	2	20.99
Ambush!	009	AHI	1	19.99
James Bond Adventures	007	SPI	2	21.50
Star Fleet Battles	010	GDW	4	25.99
The Longest Day	011	SPI	2	35.99

Publisher

PubID	PublisherName	WebAddress
AHI	Avalon Hill	www.ah.com
SPI	Simulation Publications Incorporated	www.spiinc.com
GDW	Games Design Workshop	www.gdw.co.uk
CHA	Chaosium	www.chaosrules.com

01.1 How many records are there in the table **Game**?

[1 mark]

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01.2 What is the role of the **Publisher** field in the **Game** table?

[1 mark]

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01.3 State the most suitable data type to use for the **Price** field.

[1 mark]

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01.4 Describe how a relationship has been created between the table **Publisher** and the table **Game**.

[2 marks]

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02 List the results of executing the following SQL query on this relational database

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SELECT Game.GameName, Game.Price, Publisher.PublisherName
FROM Game, Publisher
WHERE Game.Price < 25.00 AND Game.Publisher = Publisher.PubID
ORDER BY Game.Price ASC;
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[4 marks]

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02.2 A club member wants a list of all the games which have a maximum number of players of more than 2.

The list needs to include the name of the game, the number of players and the name of the publisher.

Write an SQL query that could be used to find this information. The results should be sorted in alphabetical order by the name of the game.

[4 marks]

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